Title (en)
    Communication control method and apparatus, and communication system

Title (de)
    Kommunikationssteuerverfahren und Vorrichtung und Kommunikationssystem

Title (fr)
    Procédé de commande de communication et appareil, et système de communication

Publication
    EP 1280064 A3 20041020 (EN)

Application
    EP 02079458 A 19980904

Priority
    • EP 98307152 A 19980904
    • JP 24443097 A 19970909

Abstract (en)
    [origin: EP0902371A1] A printer has a queue for queuing a queued execution command, an immediate execution agent for executing a write command, and a queued execution agent for executing a read command. The immediate execution agent immediately executes the received write command, and writes data in a host. The queued execution agent picks up a read command from the queue, and reads out data from the host. The host appends a data transfer request from the printer to a queue, issues a write command to the printer on the basis of that data transfer request, and issues a read command to the printer on the basis of a print data transmission request or the like from an application. Independent full-duplex channels can be provided in two directions. Also, a write command can be immediately processed. <IMAGE>

IPC 1-7
    G06F 13/12

IPC 8 full level
    G06F 3/12 (2006.01); **G06F 13/00** (2006.01); **G06F 13/12** (2006.01); **H04L 12/40** (2006.01); **H04L 29/10** (2006.01); H04L 12/64 (2006.01)

CPC (source: EP KR US)
    G06F 3/1201 (2013.01 - KR); **G06F 3/1211** (2013.01 - EP US); **G06F 3/1236** (2013.01 - EP US); **G06F 3/1285** (2013.01 - EP US); **G06F 3/1293** (2013.01 - KR); **G06F 13/12** (2013.01 - KR); **G06F 13/126** (2013.01 - EP US); **H04L 12/40123** (2013.01 - EP KR US); G06F 2213/0012 (2013.01 - KR)

Citation (search report)
    • [A] EP 0560343 A1 19930915 - HITACHI LTD [JP]
    • [A] US 5611056 A 19970311 - HOTCHKIN GLENN T [US]
    • [A] ANSI: "Information Technology-Serial Bus Protocol 2 (SBP-2)", ANSI STANDARD X3T10, WORKING DRAFT, 17 July 1996 (1996-07-17), OAKLAND, CA, US, pages 61 - 64, XP002293897, Retrieved from the Internet <URL:ftp://ftp.t10.org/t10/drafts/sbp2/sbp2r01.pdf> [retrieved on 20040823]

Designated contracting state (EPC)
    DE FR GB IT NL

DOCDB simple family (publication)
    EP 0902371 A1 19990317; **EP 0902371 B1 20030502**; CA 2246830 A1 19990309; CA 2246830 C 20020730; CN 1179277 C 20041208; CN 1219705 A 19990616; DE 69813976 D1 20030605; DE 69813976 T2 20031211; DE 69839783 D1 20080904; EP 1280064 A2 20030129; EP 1280064 A3 20041020; EP 1280064 B1 20080723; JP 4086345 B2 20080514; JP H1185662 A 19990330; KR 100297219 B1 20011026; KR 19990029655 A 19990426; US 2002171870 A1 20021121; US 2005200895 A1 20050915; US 6452693 B1 20020917; US 6927873 B2 20050809; US 7296095 B2 20071113

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    EP 98307152 A 19980904; CA 2246830 A 19980908; CN 98119132 A 19980909; DE 69813976 T 19980904; DE 69839783 T 19980904; EP 02079458 A 19980904; JP 24443097 A 19970909; KR 19980037116 A 19980909; US 12426605 A 20050509; US 14847298 A 19980908; US 19420202 A 20020715